

IFW



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Donald Justus, et al.

Group No. 3672

Application No.: 10 / 615,543

Examiner: Brian A. Fuller

Filed: 07/08/2003

For: Reduced-Density Propants and Methods of Using Reduced-Density Propants to Enhance Their Transport in Well Bores and Fractures

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT FOR INFORMATION DISCLOSURE UNDER  
37 C.F.R. § 1.97(e)

NOTE: A statement must state either: "(1) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, or (2) that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement." 37 C.F.R. § 1.97(e).

Under the first statement under § 1.97(e), it does not matter whether any individual with a duty of disclosure actually knew about any of the information cited before receiving the search report. The date on the communication by the foreign patent office begins the 3-month period in the same manner as the mailing of an Office action starts a 3-month shortened statutory period for reply. See § 609B(5), M.P.E.P., 8th Edition.

## CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

## MAILING

☒ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

☒ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

## TRANSMISSION

☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Date: 7/6/05

Signature

Tammy Knight

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

19

**NOTE:** "Section 1.97(e) makes it clear that a certification could contain either of two statements. One statement is that each item of information in an information disclosure statement was cited in a search report from a patent office outside the U.S. not more than three months prior to the filing date of the statement. Under this certification, it would not matter whether any individual with a duty actually knew about any of the information cited before receiving the search report. In the alternative, the certification could state that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual having a duty to disclose more than three months prior to the filing of the statement." Notice of January 9, 1992, 1135 O.G. 13-25, at 13. (emphasis added). Thus: "If an item of information is submitted within three months of being cited in a communication from a foreign patent office in a counterpart foreign application, the certification can be properly made regardless of any individual's previous knowledge of the information." *Id.*, 1135 O.G. at 19. See § 609B(5), M.P.E.P., 8th Edition.

**NOTE:** "The date on the communication by the foreign patent office begins the 3-month period in the same manner as the mailing of an Office action starts a 3-month shortened statutory period for reply. If the communication contains two dates, the mailing date of the communication is the one which begins the 3-month period. The date which begins the 3-month period is not the date the communication was received by a foreign associate or the date it was received by a U.S. registered practitioner. Likewise, the statement will be considered to have been filed on the date the statement was received in the Office, or on an earlier date of mailing or transmission if accompanied by a properly executed certificate of mailing or facsimile transmission under 37 CFR 1.8, or if it is in compliance with the provisions for "Express Mail" delivery under 37 C.F.R. 1.10." See § 609B(5), M.P.E.P., 8th Edition.

**NOTE:** "The certification can be based on present, good faith knowledge about when information became known without a search of files being made." Thus, for example, the certification of § 1.97(e) does not preclude the use of the certification in an application by corporations whose practitioners have over the years reviewed thousands of patents and technical publications, even though they are unaware of the relevance of any one thereof to the application. Notice of January 9, 1992, 1135 O.G. 13-15, at 19.

See § 609B(5), M.P.E.P., 8th Edition:

"If an information disclosure statement includes a copy of a dated communication from a foreign patent office which clearly shows that the statement is being submitted within 3 months of the date on the communication, the copy will be accepted as the required communication. It will be assumed, in the absence of evidence to the contrary, that the communication was for a counterpart foreign application.

"In the alternative, a statement can be made if no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the statement after making reasonable inquiry, neither was it known to any individual having a duty to disclose more than 3 months prior to the filing of the statement."

**NOTE:** A copy of the foreign search report need not be submitted with the certification. Notice of April 20, 1992 (1138 O.G. 37-41, 40).

**NOTE:** "The phrase 'after making reasonable inquiry' makes it clear that the individual making the statement has a duty to make reasonable inquiry regarding the facts that are being certified. The statement can be made by a registered practitioner who represents a foreign client and who relies on statements made by the foreign client as to the date the information first became known. A registered practitioner who receives information from a client without being informed whether the information was known for more than three months, however, cannot make the statement without making reasonable inquiry. For example, if an inventor gave a publication to the attorney prosecuting an application with the intent that it be cited to the Office, the attorney should inquire as to when that inventor became aware of the publication and should not submit a statement under 37 C.F.R. 1.97(e)(2) to the Office until a satisfactory response is received. The statement can be based on present, good faith knowledge about when information became known without a search of files being made." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

See § 609B(5), M.P.E.P., 8th Edition.

**NOTE:** "Although it is recognized that an individual actually becomes aware of the information in the communication from a foreign patent office sometime after it was mailed, the mailing date of such a communication, if it occurs prior to a first awareness of the same information, would determine the date for filing of an information disclosure statement without a fee" in a certification procedure under § 1.97(e). Notice of January 9, 1992, 1135 O.G. 13-25, at 19 (emphasis added).

**NOTE:** The mere absence of an item of information from a foreign patent office communication is not intended to represent an opportunity to delay the submission of a item known more than three months prior to the filing of an information disclosure statement to an individual having the duty of disclosure under § 1.56. 62 Fed. Reg. 53,131, 53,150 (Oct. 10, 1997).

**NOTE:** The IDS is considered filed as of the date it is received in the PTO, or on an earlier date of mailing or transmission if done so with a properly executed certificate of mailing or facsimile transmission under 37 C.F.R. § 1.8, or if it is in compliance with the provisions for "Express Mail" delivery under 37 C.F.R. § 1.10. See § 609B(5), M.P.E.P., 8th Edition.

**NOTE:** "The certification under § 1.97(e) should be made by a person who has knowledge of the facts being certified. The certification can be made by a practitioner who represents a foreign client and who relies on statements made by the foreign client as to the date the information first became known. A practitioner who receives information from a client without being informed whether the information was known for more than three months, however, cannot make the certification without making reasonable inquiry." Notice of January 9, 1992, 1135 O.G. 13-25 at 19.

**NOTE:** "The term counterpart foreign patent application means that a claim for priority has been made in either the U.S. application or a foreign application based on the other, or that the disclosures of the U.S. and foreign patent applications are substantively identical (e.g., an application filed in the European Patent Office claiming the same U.K. priority as claimed in the U.S. application)." Notice of April 20, 1992 (1138 O.G. 37-41, 39). See § 609B(5), M.P.E.P., 8th Edition.

**NOTE:** "Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent or inventor." 37 C.F.R. § 1.56(d) and  
"Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) each inventor named in the application;

(2) each attorney or agent who prepares or prosecutes the application; and

(3) every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application." 37 C.F.R. § 1.56(c).

## **IDENTIFICATION OF INFORMATION DISCLOSURE STATEMENT FOR WHICH THIS STATEMENT IS BEING MADE**

1. This statement is being made for the Information Disclosure Statement

☒ accompanying this statement.

☐ filed \_\_\_\_\_ (date)

## **STATEMENT**

**NOTE:** A statement under 37 C.F.R. § 1.97(e) need not be in the form of an oath or a declaration under 37 C.F.R. § 1.68. A statement under 37 C.F.R. § 1.97(e) by a registered practitioner or any other individual that the statement was filed within the 3-month period of either the first citation by a foreign patent office or first discovery of the information will be accepted as dispositive of compliance with this provision in the absence of evidence to the contrary. § 609B(5), M.P.E.P., 8th Edition.

2. I, the person(s) signing below state:

- ☐ that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. § 1.97(e)(1).

NOTE: The three month period starts from the mailing date of the foreign patent office communication. Notice of January 9, 1992, 1135 O.G. 13-25 at 19. The mailing date is the "date on the communication by the foreign patent office." Notice of April 20, 1992 (1138 O.G. 37-41, 38).

**OR**

- ☒ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge, after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement. 37 C.F.R. § 1.97(e)(2).

NOTE: "The time at which information 'was known to any individual designated in 37 C.F.R. 1.56(c)' is the time when the information was discovered in association with the application even if awareness of the materiality came later." Notice of April 20, 1992 (1138 O.G. 37-41, 40). Section 609B(5), M.P.E.P., 8th Edition.

### **IDENTIFICATION OF PERSON(S) MAKING THIS STATEMENT**

3. The person making this statement is

*(check each applicable item)*

- (a) ☐ the inventor(s) who signs below

\_\_\_\_\_  
**SIGNATURE OF INVENTOR**

\_\_\_\_\_  
*(type name of inventor who is signing)*

- (b) ☐ a person who is substantively involved in the preparation or prosecution of the application, and who is associated with the inventor, with the assignee, or with anyone to whom there is an obligation to assign the application (37 C.F.R. § 1.56(c)) and who signs below.

\_\_\_\_\_  
**SIGNATURE OF PERSON MAKING STATEMENT**

\_\_\_\_\_  
*(type name of person who is signing)*

\_\_\_\_\_  
Address of person who is signing

(c) ☒ the practitioner who signs below on the basis of the information:

*(check each applicable item)*

- ☐ supplied by the inventor(s).
- ☐ supplied by an individual designated in § 1.56(c).
- ☒ in the practitioner's file.

Reg. No.: 28,626

Tel. No. (580) 251-3125

Customer No.:



**SIGNATURE OF PRACTITIONER**

Robert A. Kent

*(type or print name of practitioner)*

P.O. Box 1431

P.O. Address

Duncan, OK 73536-0440



Practitioner's Docket No. 2003-IP-010083U1

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Donald Justus, et al.

Application No: 10/615,543

Group No.: 3672

Filed: 07/08/2003

Examiner: Brian A. Fuller

For: Reduced-Density Proppants and Methods of Using Reduced-Density Proppants to Enhance their Transport in Well Bores and Fractures

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
BEFORE MAILING DATE OF EITHER A FINAL ACTION  
OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(c))**

**NOTE:** 37 C.F.R. 1.97: "(c) An information disclosure statement shall be considered by the Office if filed after the period specified in paragraph (b) of this section, provided that the information disclosure statement is filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by one of:

(1) The statement specified in paragraph (a) of this section; or

(2) The fee set forth in § 1.17(b)."

**NOTE:** "If a final action or notice of allowance is mailed in an application and later withdrawn, the application will be considered as not having had a final action or notice of allowance mailed for purposes of considering an information disclosure statement." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

☒ deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

☒ with sufficient postage as first class mail.

☐ as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Date: 7/16/05

Signature

Tammy Knight

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.8(c)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Transmittal of Information Disclosure Statement before Mailing Date of Either a Final Action Or Notice of Allowance [8-4]—page 1 of 3)

**NOTE:** 37 C.F.R. § 1.704(d): "A paper containing only an information disclosure statement in compliance with §§ 1.97 and 1.98 will not be considered a failure to engage in reasonable efforts to conclude prosecution (processing or examination) of the application under paragraphs (c)(8), (c)(9), (c)(10), or (c)(11) of this section if it is accompanied by a statement that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the information disclosure statement. This thirty-day period is not extendable."

**NOTE:** "If information submitted during the period set forth in 37 C.F.R. 1.97(c) with a certification is used in a new ground of rejection on unamended claims, the next Office action will not be made final since in this situation it is clear that applicant has submitted the information to the office promptly after it has become known and the information is being submitted prior to a final determination on patentability by the Office. However, the information submitted with a certification can be used in a new ground of rejection and the next Office action made final, if the new ground of rejection was necessitated by amendment of the application by applicant. Where the information is submitted during this period with a fee, the examiner may use the information submitted, e.g., printed publication or evidence of public use, and make the next Office action final whether or not the claims have been amended, provided that no other new ground of rejection which was not necessitated by amendment to the claims is introduced by the examiner. See MPEP 708.07(b). If a new ground of rejection is introduced that is neither necessitated by an amendment to the claims nor based on the information submitted with the fee set forth in 37 C.F.R. § 1.17(b), the Office action shall not be made final." Notice of April 20, 1992 (1138 O.G. 37-41, 38).

**WARNING:** "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

**WARNING:** No extension of time can be had under 37 C.F.R. 1.136 (a) or (b) for filing an IDS. 37 C.F.R. 1.97(f).

### **TIME OF TRANSMITTAL OF ACCOMPANYING INFORMATION DISCLOSURE STATEMENT**

1. The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first Office action on the merits, whichever event occurred last but before the mailing date of either:
  - (1) a final action under § 1.113 or
  - (2) a notice of allowance under § 1.311,whichever occurs first.

### **STATEMENT OR FEE**

2. Accompanying this transmittal is

(check either A or B below)

A. ☒ a statement as specified in 37 C.F.R. § 1.97(e).

OR

B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c). (\$180.00).

(Transmittal of Information Disclosure Statement before Mailing Date of Either a Final Action Or Notice of Allowance. [8-4]—page 2 of 3)

## FEE PAYMENT

(complete this item, if applicable)

3. Applicant elects the option to pay the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c) (\$180.00).

Fee due \$ \_\_\_\_\_

## METHOD OF PAYMENT OF FEE

4.

- ☐ Attached is a ☐ check ☐ money order in the amount of \$ \_\_\_\_\_
- ☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_
- ☒ to Deposit Account No. 08-0300
- ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

- ☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

  
SIGNATURE OF PRACTITIONER

Reg. No. 28,626

Robert A. Kent

(type or print name of practitioner)

Tel. No.: (580) 251-3125

P.O. Box 1431

P.O. Address

Customer No.:

Duncan, OK 73536-0440



PTO-1449

Application No.  
10/615,543Applicant(s)  
Donald Justus, et al.Information Disclosure Citation in an  
ApplicationDocket Number  
2003-IP-010083U1Group Art Unit  
3672Filing Date  
07/08/2003

## U.S. PATENT DOCUMENTS

INIT.	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
	2,238,671	04/15/41	Woodhouse	166	21	02/09/40
	2,869,642	01/20/59	McKay et al			
	3,047,067	07/31/62	Williams et al	166	33	09/08/58
	3,176,768	04/06/65	Brandt et al	166	33	07/27/64
	3,272,650	09/13/66	MacVittie	134	7	02/21/93
	3,316,965	05/02/67	Watanabe	166	33	
	3,375,872	04/02/68	McLaughlin et al.	166	29	12/02/65
	3,415,320	12/10/68	Young	166	33	02/09/67
	3,492,147	01/27/70	Young et al	117	62.2	
	3,659,651	05/02/72	Graham	166	280	08/17/70
	3,754,598	08/28/73	Holloway, Jr.	166	249	11/08/71
	3,765,804	10/16/73	Brandon	417	540	01/23/67
	3,768,564	10/30/73	Knox et al.	166	307	04/26/71
	3,784,585	01/08/74	Schmitt et al.	260	861	10/21/71
	3,819,525	06/25/74	Hattenbrun	252	132	08/21/72
	3,828,854	08/13/74	Templeton et al.	166	307	10/30/73
	3,842,911	10/25/74	Know et al.	166	307	04/09/73
	3,863,709	02/04/75	Fitch	165	1	
	3,868,998	03/04/75	Lybarger et al.	166	278	05/15/74
	3,888,311	06/10/75	Cooke, Jr	166	280	10/01/76
	3,948,672	04/06/76	Harnberger	106	90	09/26/74
	3,955,993	05/11/76	Curtice	106	90	09/26/74
	3,960,736	06/01/76	Free et al.	252	8.55R	06/03/74
	4,008,763	02/22/77	Lowe et al	166	253	
	4,029,148	06/1977	Emery	166	250.1	
	4,042,032	08/16/77	Anderson et al	166	276	10/02/75
	4,070,865	01/31/78	McLaughlin	61	36	03/10/76
	4,074,760	02/21/78	Copeland et al.	166	276	11/01/76
	4,169,798	10/02/79	DeMartino	252	8.55R	10/25/77

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	4,172,066	10/23/79	Zweigle et al.	260	29.6TA	09/26/77
	4,245,702	01/20/81	Haafkens et al.	166	307	05/07/79
	4,273,187	06/16/81	Satter et al	166	250	
	4,305,463	12/15/81	Zakiewicz	106	245	10/31/70
	4,336,842	06/29/82	Graham et al	166	276	01/05/81
	4,352,674	10/05/82	Fery	23	230	
	4,353,806	10/1982	Canter et al	507	229	
	4,415,805	11/15/83	Fertl et al	250	260	
	4,439,489	03/27/84	Johnson et al.	428	404	02/16/82
	4,443,347	04/17/84	Underdown et al.	252	8.55 R	05/13/83
	4,460,052	07/17/84	Gockel	175	72	08/10/81
	4,470,915	09/11/84	Conway	252	8.55R	09/27/82
	4,493,875	01/15/55	Beck et al.	428	403	12/09/83
	4,494,605	01/22/85	Wiechel et al.	166	288	12/11/81
	4,498,995	02/12/85	Gockel	252	8.5LC	07/01/83
	4,501,328	02/26/85	Nichols	166	288	03/14/83
	4,526,695	07/02/85	Erbstosser et al.	252	8.55R	02/04/83
	4,527,627	07/09/85	Graham et al.	166	280	07/28/83
	4,541,489	09/17/85	Wu	166	312	03/19/84
	4,546,012	10/08/85	Brooks	427	213	04/26/84
	4,553,596	11/19/85	Graham et al.	166	295	07/28/83
	4,564,459	01/14/86	Underdown et al.	252	8.55 R	04/13/84
	4,572,803	02/1986	Yamazoe et al	534	16	
	4,649,998	03/1987	Friedman, Robert H.	166	294	
	4,664,819	05/12/87	Glaze et al.	252	8.551	01/20/85
	4,665,988	05/19/87	Murphey et al.	166	295	04/04/86
	4,669,543	06/02/87	Young	166	276	05/23/86
	4,675,140	06/23/87	Sparks et al.	264	4.3	05/06/85
	4,683,954	08/04/87	Walker et al.	166	307	09/05/86
	4,694,905	09/22/87	Armbruster	166	280	05/23/86
	4,715,967	12/29/87	Bellis	252	8.551	12/27/85
	4,716,964	01/05/88	Erbstoesser et al.	166	284	12/10/86

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	4,733,729	03/29/88	Copeland	166	276	02/04/87
	4,739,832	04/26/88	Jennings, Jr. et al.	166	299	12/24/86
	4,785,884	11/22/88	Armbruster	166	280	01/28/98
	4,787,453	11/1988	Hewgill et al.	166	272.3	
	4,789,105	12/06/88	Hosokawa et al.	241	67	04/16/87
	4,796,701	01/10/89	Hudson et al.	166	278	07/30/87
	4,797,262	01/10/89	Dewitz	422	142	06/03/87
	4,800,960	01/31/89	Friedman et al.	166	276	12/18/87
	4,809,783	03/07/89	Hollenbeck et al.	166	307	01/14/88
	4,817,721	04/04/89	Pober	166	295	12/14/87
	4,829,100	05/09/89	Murphey et al	523	131	10/23/87
	4,846,118	06/27/89	Lai et al.	524	555	06/19/87
	4,848,467	07/18/89	Cantu et al.	166	281	02/16/88
	4,848,470	07/18/89	Korpics	166	312	11/21/88
	4,850,430	07/25/89	Copeland et al.	166	276	02/04/87
	4,886,354	12/12/89	Welch et al.	356	70	05/06/88
	4,888,240	12/19/89	Graham et al.	428	403	08/26/85
	4,895,207	01/23/90	Friedman et al.	166	276	12/19/88
	4,903,770	02/27/90	Friedman et al.	166	288	05/30/89
	4,934,456	06/19/90	Moradi-Araghi	166	270	03/29/89
	4,942,186	07/17/90	Murphey et al.	523	131	
	4,957,165	09/18/90	Cantu et al.	166	295	06/19/89
	4,959,432	09/25/90	Fan et al.	526	287	07/18/88
	4,961,466	10/09/90	Himes et al.	166	250	01/23/89
	4,969,522	11/13/90	Whitehurst et al.	166	278	12/21/88
	4,969,523	11/13/90	Martin et al.	166	278	06/12/89
	4,986,353	01/22/91	Clark et al.	166	279	09/14/88
	4,986,354	01/22/91	Cantu et al.	166	279	09/14/89
	4,986,355	01/22/91	Casad et al.	166	295	05/18/89
	5,030,603	07/09/91	Rumpf et al.	501	127	02/21/90
	5,049,743	09/17/91	Taylor, III et al	250	303	
	5,082,056	01/21/92	Tackett, Jr.	166	295	10/16/90

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	5,107,928	04/28/92	Hilterhaus	166	293	08/22/89
	5,128,390	07/07/92	Murphey et al	523	130	01/22/91
	5,135,051	08/04/92	Fracteau et al.	166	104	06/17/
	5,142,023	08/25/92	Gruber et al.	528	354	01/24/92
	5,165,438	11/24/92	Fracteau et al.	137	1	05/26/
	5,173,527	12/22/92	Calve	524	74	05/15/92
	5,182,051	01/26/93	Bandy et al	252	645	
	5,199,491	04/06/93	Kutts et al.	166	276	09/04/91
	5,199,492	04/06/93	Surles et al.	166	295	09/19/91
	5,211,234	05/18/93	Floyd	166	276	01/30/92
	5,232,955	08/03/93	Caabai et al.	521	63	12/16/91
	5,232,961	08/03/93	Murphey et al.	523	414	08/19/91
	5,238,068	08/24/93	Fredickson	166	307	07/01/92
	5,247,059	09/21/93	Gruber et al.	528	354	08/24/92
	5,249,628	10/05/93	Surjaatmadja	166	305	09/29/92
	5,256,729	10/26/93	Kutts et al.	524	700	01/22/93
	5,273,115	12/28/93	Spafford	166	281	07/13/92
	5,293,939	03/15/94	Surles et al.	166	295	07/31/92
	5,295,542	03/22/94	Cole et al.	166	278	10/05/92
	5,320,171	06/14/94	Laramay	166	285	10/09/92
	5,321,062	06/14/94	Landrum et al.	523	141	
	5,325,923	07/05/94	Surjaatmadja et al.	166	308	09/30/93
	5,330,005	07/19/94	Card et al.	166	280	04/05/93
	5,332,037	07/26/94	Schmidt et al.	166	276	11/16/92
	5,335,726	08/09/94	Rodroques	166	295	10/22/93
	5,351,754	10/04/94	Hardin et al.	166	249	10/06/92
	5,358,051	10/25/94	Rodrigues	166	295	10/22/93
	5,359,026	10/25/94	Gruber	528	354	07/30/93
	5,360,068	11/01/94	Sprunt et al.	166	259	04/19/93
	5,361,856	11/08/94	Surjaatmajda et al.	175	67	
	5,363,916	11/15/94	Himes et al.	166	276	06/16/93
	5,373,901	12/20/94	Norman et al.	166	300	07/27/93

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	5,381,864	01/17/95	Nguyen et al	166	280	
	5,386,874	02/07/95	Laramay et al.	166	300	11/08/93
	5,388,648	02/14/95	Jordan, Jr.	166	380	10/08/93
	5,393,810	02/28/95	Harris et al	524	56	
	5,396,957	03/14/94	Surjaatmadja et al.	166	308	03/04/94
	5,402,846	04/04/95	Jennings, Jr. et al.	166	259	11/15/93
	5,422,183	06/06/95	Sinclair et al.	428	403	06/01/93
	5,423,381	06/13/95	Surles et al.	166	295	06/13/94
	5,439,055	08/08/95	Card et al	166	280	
	5,422,183	06/06/95	Sinclair et al.	428	403	06/01/93
	5,423,381	06/13/95	Suries et al.	166	295	06/13/94
	5,460,226	10/24/95	Lawton et al.	166	300	05/18/94
	5,464,060	11/07/95	Hale et al.	166	293	04/1/94
	5,475,080	12/15/95	Gruber et al.	528	354	03/22/93
	5,484,881	01/16/96	Gruber et al.	528	54	08/23/93
	5,494,103	02/27/96	Surjaatmadja et al.	166	222	
	5,494,178	02/20/96	Nguyen, et al	166	276	12/15/94
	5,497,830	03/12/96	Boles et al.	166	300	04/06/95
	5,498,280	03/12/96	Fistner et al	106	19	
	5,499,678	03/19/96	Surjaatmadja et al.	166	298	08/02/94
	5,501,275	03/26/96	Card et al.	166	280	03/02/95
	5,505,787	04/09/96	Yamaguchi	134	4	01/28/94
	5,512,071	04/30/96	Yam et al.	51	307	02/25/94
	5,529,123	06/25/96	Carpenter et al	166	293	
	5,531,274	07/02/96	Bienvenu, Jr.	166	280	07/29/94
	5,536,807	07/16/96	Gruber et al.	528	354	08/23/93
	5,545,824	08/13/96	Stengel et al.	524	590	07/20/95
	5,551,513	09/03/96	Suries et al.	166	278	05/12/95
	5,551,514	09/03/96	Nelson et al.	166	280	01/06/95
	5,582,249	10/10/96	Caveny et al	166	276	08/02/95
	5,582,250	12/10/96	Constein	166	280	11/09/95
	5,588,488	12/31/96	Vijn et al	166	293	08/22/95

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	5,591,700	01/07/97	Harris et al.	507	204	12/2/94
	5,594,095	01/14/97	Gruber et al.	528	354	07/27/94
	5,595,245	01/21/97	Scott, III	166	250.1	
	5,597,784	01/28/97	Sinclair et al.	507	2129	06/06/95
	5,604,184	02/18/97	Ellis et al.	507	117	
	5,604,186	02/17/97	Hunt et al.	507	204	02/15/95
	5,609,207	03/11/97	Dewprashad et al	166	276	
	5,620,049	04/15/97	Gipson et al.	166	248	12/14/95
	5,639,806	06/17/97	Johnson et al	523	208	03/28/95
	5,670,473	09/23/97	Scepanski	510	445	06/06/95
	5,697,440	12/16/97	Weaver, et al	166	281	01/04/96
	5,698,322	12/16/97	Tsai et al.	428	373	12/02/96
	5,732,364	03/24/98	Kalb et al	588	8	
	5,765,642	06/16/98	Surjaatmadja	166	297	
	5,775,425	07/07/98	Weaver et al	166	276	05/19/97
	5,782,300	07/21/98	James et al.	166	278	11/13/96
	5,783,822	07/21/98	Buchanan et al	250	259	
	5,787,986	08/04/98	Weaver et al	166	280	10/03/96
	5,791,415	08/11/98	Nguyen, et al	166	280	03/13/97
	5,799,734	09/01/98	Norman, et al	166	278	07/18/96
	5,806,593	09/15/98	Suries	166	270	07/22/96
	5,830,987	11/03/98	Smith	528	332	03/11/97
	5,833,361	11/10/98	Funk	366	80	09/07/95
	5,836,392	11/17/98	Urlwin-Smith	166	295	08/05/97
	5,837,656	11/17/98	Sinclair et al.	507	220	03/05/96
	5,837,785	11/17/98	Kinsho et al.	525	527	07/12/96
	5,839,510	11/24/98	Weaver et al	166	276	01/14/97
	5,849,401	12/15/98	El-Afandi et al.	428	215	05/13/96
	5,849,590	12/15/98	Anderson, II et al	436	27	
	5,864,003	01/26/99	Qureshi et al.	528	141	07/23/96
	5,865,936	02/02/99	Edelman et al.	156	310	03/28/97
	5,871,049	02/16/99	Weaver et al	166	276	05/21/98

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	5,873,413	02/23/99	Chatterji et al	166	293	08/18/97
	5,875,844	03/02/99	Chatterji et al	166	293	02/26/98
	5,875,845	03/02/99	Chatterji et al	166	293	04/13/98
	5,875,846	03/02/99	Chatterji et al	166	293	05/29/98
	5,893,383	04/13/99	Fracteau	137	14	11/25/97
	5,893,416	04/13/99	Read	166	304	11/28/97
	5,908,073	06/01/99	Nguyen et al.	166	276	06/26/97
	5,911,282	06/15/99	Onan et al	175	72	12/11/97
	5,916,933	06/29/99	Johnson et al.	523	208	03/04/97
	5,921,317	07/13/99	Dewprashad et al	166	208	08/14/97
	5,924,488	07/20/99	Nguyen, et al	166	280	06/11/97
	5,929,437	07/27/99	Elliott et al	250	259	
	5,944,105	08/31/99	Nguyen	166	278	11/11/97
	5,945,387	08/31/99	Chatterji et al	507	224	06/23/97
	5,957,204	09/28/99	Chatterji et al	166	295	11/26/97
	5,960,880	10/05/99	Nguyen et al	166	280	08/27/96
	5,964,291	10/12/99	Bourne et al.	166	279	02/28/96
	5,969,006	10/19/99	Onan et al.	523	166	02/20/98
	5,969,523	11/13/90	Martin et al.	166	278	06/12/89
	5,977,283	11/02/9	Rossitto	528	44	04/29/97
	5,994,785	11/30/99	Higuchi et al.	527	789	05/0/99
	6,003,600	12/21/99	Nguyen et al	166	281	10/16/97
	6,004,400	12/21/99	Bishop et al.	134	2	07/09/97
	6,006,835	12/28/99	Onan et al	166	295	02/17/98
	6,006,836	12/28/99	Chatterji et al	166	295	05/29/98
	6,012,524	01/11/00	Chatterji et al	166	295	04/14/98
	6,016,870	01/2000	Dewprashad et al	166	295	
	6,024,170	02/15/00	McCabe et al.	166	300	06/03/98
	6,028,113	02/22/00	Scepanski	514	643	09/27/95
	6,028,534	02/22/00	Ciglenec et al.	340	856.2	02/05/98
	6,040,398	03/21/00	Kinsho et al.	525	527	09/02/98
	6,047,772	04/11/00	Weaver et al	166	276	11/09/98

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	6,059,034	05/09/00	Rickards et al.	166	280	05/27/98
	6,059,035	05/09/00	Chatterji et al	166	293	07/20/98
	6,059,036	05/09/00	Chatterji et al	166	294	11/26/97
	6,068,055	05/30/00	Chatterji et al	166	293	06/30/98
	6,069,117	05/30/00	Onan et al	507	202	08/20/99
	6,074,739	06/13/00	Katagiri	428	323	
	6,079,492	06/27/00	Hoogteijling et al.	166	276	10/07/98
	6,098,711	08/08/00	Chatterji et al	166	294	
	6,114,410 A	09/05/00	Betzold	523	130	08/04/98
	6,123,871	09/26/00	Carroll	252	301.36	
	6,123,965	09/26/00	Jacon et al.	424	489	08/18/98
	6,124,246	09/26/00	Heathman et al	507	219	11/17/97
	6,130,286	10/10/00	Thomas et al.	524	507	12/18/98
	6,135,987	10/24/00	Tsai et al.	604	365	12/22/99
	6,140,446	10/31/00	Fujiki et al.	528	15	11/05/98
	6,148,911	11/21/00	Gipson et al.	166	248	03/30/99
	6,162,766	12/19/00	Muir et al.	507	267	05/29/98
	6,169,058 B1	01/02/01	Le et al.	507	222	06/05/97
	6,172,011	01/09/01	Card et al.	507	204	03/08/96
	6,172,077	01/09/01	Curtis, et al	514	278	
	6,176,315 B1	01/23/01	Reddy et al	166	295	12/04/98
	6,184,311	02/06/01	O'Keefe et al.	525	438	05/19/95
	6,187,834	02/13/01	Thayer et al.	522	15	09/08/99
	6,189,615 B1	02/20/01	Sydansk	166	270	12/15/98
	6,192,985	02/27/01	Hinkel, et al	166	280	12/19/98
	6,192,986	02/27/01	Urlwin-Smith	166	295	02/18/99
	6,196,317	03/06/01	Hardy	166	295	12/15/98
	6,202,751 B1	03/20/01	Chatterji et al.	166	276	07/28/00
	6,209,643 B1	04/03/01	Nguyen, et al	166	276	03/06/00
	6,209,644 B1	04/03/01	Brunet	166	297	03/29/99
	6,209,646 B1	04/03/01	Reddy et al.	166	300	04/21/99
	6,210,471	04/03/01	Craig	106	31.08	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	6,214,773 B1	04/10/01	Harris et al.	507	271	02/29/99
	6,231,644 B1	05/15/01	Chatterji et al	106	724	03/08/00
	6,234,251	05/22/01	Chatterji et al	166	295	
	6,238,597	05/29/01	Yim et al.	252	512	02/18/00
	6,241,019	06/05/01	Davidson et al.	166	249	03/24/98
	6,242,390 B1	06/05/01	Mitchell et al.	507	211	07/31/98
	6,244,344 B1	06/12/01	Chatterji et al	166	295	02/09/99
	6,257,335 B1	07/10/01	Nguyen et al.	166	280	03/02/00
	6,260,622 B1	07/17/01	Blok et al.	166	305.1	12/23/98
	6,271,181 B1	08/07/01	Chatterji et al	507	219	08/07/01
	6,274,650	08/14/01	Cui	523	457	09/16/99
	6,279,652 B1	08/28/01	Chatterji et al.	166	194	09/23/98
	6,279,656	08/28/01	Sinclair et al.	166	310	11/03/99
	6,283,214 B1	09/04/01	Guinot et al.	166	297	05/27/99
	5,306,998	10/23/01	Kimura et al.	528	12	02/24/00
	6,321,841 B1	11/27/01	Eoff et al	166	291	02/21/01
	6,326,458 B1	12/04/01	Gruber et al.	528	354	10/07/93
	6,328,105 B1	12/11/01	Betzold	166	280	
	6,328,106	12/11/01	Griffith et al	166	295	11/02/00
	6,330,916	12/18/01	Rickards et al.	166	280	03/06/00
	6,330,917 B2	12/18/01	Chatterji et al	166	295	01/23/01
	6,350,309 B2	02/26/02	Chatterji et al	106	677	02/13/01
	6,357,527 B1	03/19/02	Norman et al.	166	300	05/05/00
	6,364,018	04/02/02	Brannon et al.	166	280.2	05/25/00
	6,364,945 B1	04/02/02	Chatterji et al.	106	677	12/13/00
	6,367,165	04/09/02	Huttlin	34	582	02/01/00
	6,367,549 B1	04/09/02	Chatterji et al	166	292	09/21/01
	6,372,678	04/16/02	Youngsman et al.	504	128	09/18/01
	6,376,571	04/23/02	Chawla et al.	522	64	03/06/98
	6,387,986 B1	05/14/02	Moradi-Araghi et al.	523	211	06/24/99
	6,390,195 B1	05/21/02	Nguyen et al.	166	276	10/27/00
	6,401,817 B1	06/11/02	Griffith et al	166	295	08/30/01

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	6,405,797	06/18/02	Davidson et al.	166	249	04/09/01
	6,406,789	06/18/02	McDaniel et al.	428	403	05/22/00
	6,408,943	06/25/02	Schultz et al.	166	285	
	6,422,314 B1	07/23/02	Todd et al.	166	312	08/01/00
	6,439,309 B1	08/27/02	Matherly et al	166	276	12/13/00
	6,439,310	08/27/02	Scott, III et al	166	308	
	6,440,255	08/27/02	Kohlhammer et al.	156	283	11/23/99
	6,446,727	09/10/02	Zemlak et al.	166	308	01/29/99
	6,448,206 B1	09/10/02	Griffith et al	507	219	08/30/01
	6,450,260 B1	09/17/02	James, et al	166	277	07/07/00
	6,454,003 B1	09/24/02	Chang et al.	166	270	06/14/00
	6,458,885	10/01/02	Stengal et al.	524	507	05/29/98
	6,485,947 B1	11/26/02	Rajgarhia et al.	435	139	05/19/00
	6,488,763 b2	12/03/02	Brothers et al.	106	692	10/05/01
	6,488,091 B1	12/03/02	Weaver et al.	166	300	06/11/01
	6,494,263 B2	12/17/02	Todd	166	312	01/19/01
	6,503,870 B2	01/07/03	Griffith et al.	507	219	08/30/01
	6,508,305 B1	01/21/03	Brannon et al.	166	293	09/14/00
	6,527,051 B1	03/04/03	Reddy et al.	166	300	07/12/02
	6,528,157	03/04/03	Hussain et al.	428	325	05/02/96
	6,531,427	03/11/03	Shuchart et al.	507	267	01/11/96
	6,538,576	03/25/03	Schultz et la.	340	859.6	04/23/99
	6,552,333	04/22/03	Storm, et al	250	269.3	
	6,554,071 B1	04/29/03	Reddy et al.	166	293	07/12/02
	6,555,507 B2	04/29/03	Chatterji et al	507	219	05/07/01
	6,569,814 B1	05/27/03	Brady et al.	507	201	04/20/00
	6,582,819 B2	06/24/03	McDaniel et al.	428	402	02/01/01
	6,593,402 B2	07/15/03	Chatterji et al	524	7	02/06/01
	6,608,162 B1	08/19/03	Chiu et al.	528	129	03/15/02
	6,616,320	09/09/03	Huber et al.	366	156.2	07/08/02
	6,620,857B2	09/16/03	Valet	522	42	05/03/01
	6,626,241 B2	09/30/03	Nguyen	166	278	12/06/01

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	6,632,527 B1	10/14/03	McDaniel et al	428	402	
	6,632,892 B2	10/14/03	Rubinsztajn et al.	525	476	08/21/01
	6,642,309 B2	11/04/03	Komitsu et al.	525	100	08/14/02
	6,648,501	11/08/03	Huber et al.	366	301	02/12/01
	6,659,179 B2	12/09/036	Nguyen	166	227	05/18/01
	6,664,343 B2	12/16/03	Narisawa et al.	525	474	02/12/02
	6,667,279 B1	12/23/03	Hessert et al.	507	225	11/13/97
	6,668,926 B2	12/30/03	Nguyen, et al	166	280	01/08/02
	6,669,771 B2	12/30/03	Tokiwa et al.	106	162.7	12/08/00
	6,681,856 B1	01/27/04	Chatterji et al.	166	294	05/16/03
	6,686,328 B1	02/03/04	Binder	510	446	07/09/99
	6,710,019 B1	03/23/04	Sawdon et al.	507	136	07/16/99
	6,713,170 B1	03/30/04	Kaneka et al.	428	323	08/27/01
	6,725,926 B2	04/2004	Nguyen et al	166	254.1	
	6,725,931 B2	04/27/04	Nguyen et al	166	280.2	09/30/02
	6,729,404 B2	05/04/04	Nguyen et al	166	280.2	06/26/02
	6,732,800 B2	05/11/04	Acocock et al.	166	308	06/12/02
	6,745,159 B1	06/01/04	Todd et al.	703	10	04/28/00
	6,749,025 B1	06/15/04	Brannon et al.	166	305.1	05825/00
	6,763,888 B1	07/20/04	Harris et al.	166	305.1	03/20/00
	6,766,858 B2	07/27/04	Nguyen, et al	166	300	12/04/02
	6,776,236 B1	08/17/04	Nguyen	166	279	10/16/02
	6,832,650 B2	12/21/04	Nguyen et al.	166	279	09/11/02
	6,851,474 B2	02/08/05	Nguyen	166	279	02/06/03
	RE. 36,466	12/28/99	Nelson et al.	166	280	09/02/98
	US 2001/0016562A1	08/23/01	Muir et al.	507	201	11/29/00
	US 2002/0043370A1	04/18/02	Poe	166	250.07	09/21/01
	US 2003/006036	01/09/03	Malone et al	166	250.12	
	US 2003/0060374A1	03/27/03	Cooke, Jr.	507	200	09/24/02
	US 2003/0114314A1	06/19/03	Ballard et al.	507	100	12/19/01

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	US 1003/0130133A1	07/10/03	Vollmer	507	100	12/11/02
	US 2003/0131999A1	07/17/03	Nguyen et al.	166	280	06/26/02
	US 2003/0148893 A1	08/07/03	Lungofer et al.	507	200	11/09/01
	US 2003/0186820 A1	10/02/03	Thesing	507	200	
	US 2003/0188766A1	10/09/03	Banerjee et al.	134	7	12/19/02
	US 2003/0188872A1	10/09/03	Nguyen et al.	166	308	04/04/03
	US 2003/0196805A1	10/23/03	Boney et al.	166	280	04/19/02
	US 2003/0205376A1	11/06/03	Ayoub et al.	166	254.2	04/16/03
	US 2003/0230408A1	12/18/03	Acocock et al.	166	297	06/12/02
	US 2003/0234103A1	12/25/03	Lee et al.	166	293	06/20/02
	US 2004/0000402A1	01/01/04	Nguyen et al.	166	280	09/30/02
	US 2004/0014607A1	01/22/04	Sinclair et al.	507	200	07/16/02
	US 2004/0014608A1	01/22/04	Nguyen et al.	507	200	07/19/02
	US 2004/0040706A1	03/04/04	Hossaini et al.	166	278	08/28/02
	US 2004/0040708A1	03/04/04	Stephenson et al.	166	280.1	09/03/03
	US 2004/0048752A1	03/11/04	Nguyen et al.	507	269	09/05/02
	US 2004/0055747A1	03/25/04	Lee	166	278	09/20/02
	US 2004/0149441A1	08/05/04	Nguyen et al.	166	280.1	01/30/03
	US 2004/0106525A1	06/03/04	Willbert et al.	507	200	10/17/03
	US 2004/0138068A1	07/15/04	Rimmer et al.	507	100	12/19/03
	US 2004/0149441A1	08/05/04	Nguyen et al.	166	280.1	01/30/03
	US 2004/0152601A1	08/05/04	Still et al.	507	100	10/27/03
	US 2004/0177961A1	09/16/04	Nguyen et al.	166	280.2	02/12/03
	US 2004/019496A1	10/07/04	Nguyen et al.	166	295	04/07/03
	US 2004/0206499A1	10/21/04	Nguyen et al.	166	280.2	09/11/02

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	US 2004/0211559A1	10/28/04	Nguyen et al.	166	276	04/25/03
	US 2004/0211561A1	10/28/04	Nguyen et al.	166	280.2	03/06/03
	US 2004/0221992A1	11/11/04	Nguyen et al	166	295	06/15/04
	US 2004/0231845A1	11/25/04	Cooke, Jr.	166	279	05/14/04
	US 2004/0231847A1	11/25/04	Nguyen et al	166	295	05/23/03
	US 2004/0256099A1	12/23/04	Nguyen et al	166	249	06/08/04
	US 2004/0261995A1	12/30/04	Nguyen et al	166	279	06/27/03
	US 2004/0261997A1	12/30/04	Nguyen et al	166	281	06/25/03
	US 2005/0006093A1	01/13/05	Nguyen et al	166	281	07/07/03
	US 2005/0006096A1	01/13/05	Nguyen et al	166	295	07/09/03

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

### U.S. PATENT DOCUMENTS

INIT.	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
	US Pat. App. Ser. No. 10/383,154	-	Nguyen, et al (Ref. No. 2002-IP-008592U1)	-	-	03/06/03
	US Pat. App. Ser. No. 10/394,898	-	Eoff et al (Ref. No. 2002-IP-009216U1)	507		03/21/03
	US Pat. App. Ser. No. 10/408,800	-	Nguyen, et al (Ref. No. 2003-IP-009380U1)	-	-	04/07/03
	US Pat. App. Ser. No. 10/601,407	-	Byrd et al. (Ref No.) 2003-IP-009867U1			06/23/03
	US Pat. App. Ser. No. 10/603,492	-	Nguyen, et al (Ref. No. 2003-IP-009585U1)	-	-	06/25/03
	US Pat. App. Ser. No. 10/649,029	-	Nguyen, et al (Ref. No. 2003-IP-010303U1)	-	-	08/27/03
	US Pat. App. Ser. No. 10/650,063	-	Nguyen (Ref. No. 2003-IP-010487U1)	-	-	08/26/03
	US Pat. App. Ser. No. 10/650,064	-	Nguyen, et al (Ref. No. 2002-IP-007693U1)	-	-	08/26/03
	US Pat. App. Ser. No. 10/650,065	-	Nguyen (Ref. No. 2002-IP-007051U1)	-	-	08/26/03
	US Pat. App. Ser. No. 10/659,574	-	Nguyen, et al (Ref. No. 2003-IP-010789U1)	-	-	09/10/03
	US Pat. App. Ser. No. 10/727,365	-	Reddy, et al. (Ref. No. 2003-IP-011441)	-	-	12/04/03
	US Pat. App. Ser. No. 10/751,593	-	Nguyen (Ref. No. 2002-IP-008901U1)	-	-	01/05/04
	US Pat. App. Ser. No. 10/775,347	-	Nguyen (Ref. No. 2003-IP-009585U1)	-	-	02/10/04
	US Pat. App. Ser. No. 10/791,944	-	Nguyen (Ref. No. 2003-IP-012126U1)	-	-	03/03/04
	US Pat. App. Ser. No. 10/793,711	-	Nguyen, et al (Ref. No. 2004-IP-013096U1)	-	-	03/05/04
	US Pat. App. Ser. No. 10/852,811	-	Nguyen (Ref. No. 2003-IP-012726U1)	-	-	05/25/04
	US Pat. App. Ser. No. 10/853,879		Nguyen et al. (Ref. No. 960003U1)			05/26/04
	US Pat. App. Ser. No. 10/860,951	-	Stegent, et al (Ref. No. 2003-IP-012157U2)	-	-	06/04/04
	US Pat. App. Ser. No. 10/861,829	-	Stegent, et al (Ref. No. 2003-IP-012157U1)	-	-	06/04/04
	US Pat. App. Ser. No. 10/862,986	-	Nguyen, et al (Ref. No. 2003-IP-011526U1)	-	-	06/08/04
	US Pat. App. Ser. No. 10/864,061	-	Blauch, et al (Ref. No. 2003-IP-012485U1)	-	-	06/09/04
	US Pat. App. Ser. No. 10/864,618	-	Blauch, et al (Ref. No. 2003-IP-012486U1)	-	-	06/09/04

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	2063877	05/13/03	Canada			X	
	EP0313243B1	10/07/88	Europe	E21B	43/02	X	
	EP0510762 A2	11/28/92	Europe	C11D	17/00	X	
	EP0528595A1	08/06/92	Europe	CO8G	59/18	X	
	EP0643196A2	06/07/94	Europe	E21B	43/02	X	
	EP0834644A2	04/08/98	Europe	E21B	43/02	X	
	EP0853186A2	07/15/98	Europe	E21B	43/02	X	
	EP0864726A2	09/16/98	Europe	E21B	43/26	X	
	EP0879935B1	11/25/98	Europe	E21B	43/26	X	
	EP0933498A1	08/04/99	Europe	E21B	43/02	X	
	EP1001133A1	05/17/00	Europe	E21B	43/26	X	
	EP1132569A2	09/12/01	Europe	E21B	43/02	X	
	EP1326003A1	07/09/03	Europe	E21B	43/267	X	
	EP1394355A1	03/03/04	Europe	E21B	43/267	X	
	EP1396606A2	03/10/04	Europe	E21B	43/267	X	
	EP1403466A2	03/31/04	Europe	E21B	43/267	X	
	EP1464789A1	10/06/04	Europe	E21B	43/267	X	
	GB 2,382,143 A	04/25/01	United Kingdom	E21B	GO1V		

#### NON-PATENT DOCUMENTS

INIT.	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	Date
	Halliburton, <i>CoalStim<sup>SM</sup> Service, Helps Boost Cash Flow From CBM Assets, Stimulation</i> , HO3679 10/03, 2003, Halliburton Communications	2003
	Halliburton, <i>Conductivity Endurance Technology For High Permeability Reservoirs, Helps Prevent Intrusion of Formation Material Into the Proppant Pack for Improved Long-term Production</i> , Stimulation, 2003, Halliburton Communications	2003
	Halliburton, <i>Expedite<sup>®</sup> Service, A Step-Change Improvement Over Conventional Proppant Flowback Control Systems. Provides Up to Three Times the Conductivity of RCPs.</i> , Stimulation, HO3296 05/04, 2004, Halliburton Communications	2004
	Halliburton Technical Flier – Multi Stage Frac Completion Methods, 2 pages	
	Halliburton “ <i>CobraFrac<sup>SM</sup> Service, Coiled Tubing Fracturing – Cost-Effective Method for Stimulating Untapped Reserves</i> ”, 2 pages	2004
	Halliburton “ <i>CobraJetFrac<sup>SM</sup> Service, Cost-Effective Technology That Can Help Reduce Cost per BOE Produced, Shorten Cycle time and Reduce Capex</i> ”	
	Halliburton Cobra Frac Advertisement	2001
	Halliburton “ <i>SurgiFrac<sup>SM</sup> Service, a Quick and cost-Effective Method to Help Boost Production From Openhole Horizontal Completions</i> ”	2002

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  Information Disclosure Citation in an Application	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	US Pat. App. Ser. No. 10/868,593	-	Nguyen, et al (Ref. No. 2001-IP-005859U1P5)	-	-	06/15/04
	US Pat. App. Ser. No. 10/868,608	-	Nguyen, et al (Ref. No. 2003-IP-011518U1)	-	-	06/15/04
	US Pat. App. Ser. No. 10/937,076	-	Nguyen, et al (Ref. No. 2004-IP-015015U1)	-	-	09/09/04
	US Pat. App. Ser. No. 10/944,973	-	Nguyen, et al (Ref. No. 2003-IP-009380U1P1)	-	-	09/20/04
	US Pat. App. Ser. No. 10/972,648	-	Dusterhoft, et al (Ref. No. 2002-IP-009142U1P4)	-	-	10/25/04
	US Pat. App. Ser. No. 10/977,673	-	Nguyen (Ref. No. 2003-IP-010487U1P1)	-	-	10/29/04
	US Pat. App. Ser. No. 11/009,277	-	Welton, et al (Ref. No. 2003-IP-010303U1P1)	-	-	12/08/04
	US Pat. App. Ser. No. 11/011,394	-	Nguyen, et al (Ref. No. 2004-IP-013299U1)	-	-	12/12/04
	US Pat. App. Ser. No. 11/035,833	-	Nguyen (Ref. No. 2004-IP-014501U1)	-	-	01/14/05
	US Pat. App. Ser. No. 11/049,252	-	Van Batenburg, et al (Ref. No. 2004-IP-015015U1P1)	-	-	02/02/05
	US Pat. App. Ser. No. 11/053,280	-	Nguyen (Ref. No. 2004-IP-015507U1)	-	-	02/08/05
	US Pat. App. Ser. No. 11/056,635	-	Dusterhoft, et al. (Ref.No. 2002-IP-009142U1P5)	-	-	02/11/05

#### FOREIGN PATENT DOCUMENTS

INIT.	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						Yes	No
	WO 01/81914	11/01/01	PCT	GO1N	33/24	X	
	WO 93/15127	08/05/93	PCT	Co8G	63/06	X	
	WO 94/07949	04/14/94	PCT	CO8G	11/00	X	
	WO 94/08078	04/14/94	PCT	D01F	6/62	X	
	WO 94/08090	04/14/94	PCT	D21H	19/28	X	
	WO 95/09879	04/13/95	PCT	CO8G	63/08	X	
	WO 97/11845	04/03/97	PCT	B32B	27/08	X	
	WO 99/27229	06/03/99	PCT	E21B	43/26	X	
	WO 01/87797A1	11/22/01	PCT	CO4B	28/02	X	
	WO 02/12674A1	02/14/02	PCT	E21B	37/06	X	
	WO 03/027431A1	04/03/03	PCT	E21B	-	X	
	WO 03/027431A1	04/03/03	PCT	E21B	43/26	X	
	WO 04/037946A1	05/06/04	PCT	CO9K	7/00	X	
	WO 04/038176A1	05/06/04	PCT	E21B	43/27	X	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



PTO-1449	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

**Information Disclosure Citation in an Application**

	Halliburton, <i>SandWedge® NT Conductivity Enhancement System, Enhances Proppant Pack Conductivity and Helps Prevent Intrusion of Formation Material for Improved Long-Term Production</i> , Stimulation, HO2289 05/04, 2004, Halliburton Communications	2004
	Nguyen et al., <i>A Novel Approach For Enhancing Proppant Consolidation: Laboratory Testing And Field Applications</i> , SPE Paper Number 77748	2002
	SPE 15547, <i>Field Application of Lignosulfonate Gels To Reduce Channeling</i> , South Swan Hills Miscible Unit, Alberta, Canada, by O.R. Wagner et al.	1986
	Owens et al., <i>Waterflood Pressure Pulsing for Fractured Reservoirs</i> SPE 1123	1966
	Felsenthal et al., <i>Pressure Pulsing – An Improved Method of Waterflooding Fractured Reservoirs</i> SPE 1788	1957
	Raza, <i>Water and Gas Cyclic Pulsing Method for Improved Oil Recovery</i> , SPE 3005	1971
	Peng et al., <i>Pressure Pulsing Waterflooding in Dual Porosity Naturally Fractured Reservoirs</i> SPE 17587	1988
	Dusseault et al, <i>Pressure Pulse Workovers in Heavy Oil</i> , SPE 79033	2002
	Yang et al., <i>Experimental Study on Fracture Initiation By Pressure Pulse</i> , SPE 63035	2000
	Nguyen et al., <i>New Guidelines For Applying Curable Resin-Coated Proppants</i> , SPE Paper Number 39582	1997
	Kazakov et al., <i>Optimizing and Managing Coiled Tubing Frac Strings</i> SPE 60747	2000
	Gorman, <i>Plastic Electric: Lining up the Future of Conducting Polymers</i> Science News, Volume 163	05/17/03
	Gidley et al., <i>Recent Advances in Hydraulic Fracturing</i> , Chapter 6, pages 109-130	1989
	Simmons et al., <i>Poly(phenyllactide): Synthesis, Characterization, and Hydrolytic Degradation, Biomacromolecules</i> , Vol. 2, No. 2, pages 658-663	2001
	Yin et al., <i>Preparation and Characterization of Substituted Poly lactides</i> , Americal Chemical Society, Vol. 32, No. 23, Pages 7711-7718	1999
	Yin et al., <i>Synthesis and Properties of Polymers Derived from Substituted Lactic Acids</i> , American Chemical Society, Ch.12, pages 147-159	2001
	Cantu et al., <i>Laboratory and Field Evaluation of a Combined Fluid-Loss Control Additive and Gel Breaker for Fracturing Fluids</i> , SPE 18211	1990
	Love et al., <i>Selectively Placing Many Fractures in Openhole Horizontal Wells Improves Production</i> , SPE 50422	1998
	McDaniel et al. <i>Evolving New Stimulation Process Proves Highly Effective In Level 1 Dual-Lateral Completion</i> SPE 78697	2002
	Albertsson et al., <i>Aliphatic Polyesters: Synthesis, Properties and Applications</i> , Advances in Polymer Science, vol. 57 Degradable Aliphatic Polyesters	2002
	Dechy-Cabaret et al., <i>Controlled Ring-Operated Polymerization of Lactide and Glycolide</i> American Chemical Society, Chemical Reviews, A-Z, AA-AD	2004
	Funkhouser et al., <i>Synthetic Polymer Fracturing Fluid For High-Temperature Applications</i> , SPE 80236	2003
	<i>Chelating Agents</i> , Encyclopedia of Chemical Technology, Vol. 5 (764-795)	
	Vichaibun et al., <i>A New Assay for the Enzymatic Degradation of Polylactic Acid, Short Report</i> , ScienceAsia, Vol. 29, pages 297-300	2003
	CDX Gas, <i>CDX Solution</i> , 2003, CDX, LLC, Available @ <a href="http://www.cdxgas.com/solution.html">www.cdxgas.com/solution.html</a> , printed pp 1-2.	
	CDX Gas, <i>What is Coalbed Methane?</i> CDX, LLC. Available @ <a href="http://www.cdxgas.com/what.html">www.cdxgas.com/what.html</a> , printed page 1	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449  <b>Information Disclosure Citation in an Application</b>	Application No. <b>10/615,543</b>	Applicant(s) <b>Donald Justus, et al.</b>	
	Docket Number <b>2003-IP-010083U1</b>	Group Art Unit <b>3672</b>	Filing Date <b>07/08/2003</b>

	Halliburton brochure entitled "H2Zero™ Service Introducing The Next Generation of cost-Effective Conformance Control Solutions".	2002
	Halliburton brochure entitled " "INJECTROL® A Component:	1999
	Halliburton brochure entitled "INJECTROL® G Sealant"	1999
	Halliburton brochure entitled "INJECTROL® IT Sealant"	1999
	Halliburton brochure entitled "INJECTROL® Service Treatment"	1999
	Halliburton brochure entitled "INJECTROL® U Sealant"	1999
	Halliburton brochure entitled "Sanfix® A Resin"	1999
	Halliburton brochure entitled "Pillar Frac Stimulation Technique" Fracturing Services Technical Data Sheet, 2 pages	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	